

Title (en)

Fluidised coking apparatus and control thereof.

Title (de)

Fluidbett-Verkokungsapparat und Kontrollverfahren dafür.

Title (fr)

Appareillage de cokéfaction en lit fluidisée et procédé de contrÔle.

Publication

EP 0465157 B1 19950719 (EN)

Application

EP 91305878 A 19910628

Priority

US 54847490 A 19900703

Abstract (en)

[origin: EP0465157A1] The invention is directed to a process and apparatus for controlling feed injector atomization in a fluid hydrocarbon conversion and cracking unit. In particular, the invention is directed to a process wherein the introduction of feed into a conversion and cracking zone is effected by one or more feed injectors which optimize the atomization of the feed by maintaining a selected pressure drop across a throat section of each of said feed injector(s). This invention is applicable to petroleum industry processes such as fluid coking, fluid coking with gasification, asphaltene residuum treating, as well as others.

IPC 1-7

C10G 11/18; B01J 8/18

IPC 8 full level

C10G 9/32 (2006.01); **B01J 8/18** (2006.01); **C10G 11/18** (2006.01)

CPC (source: EP)

B01J 8/1809 (2013.01); **C10G 11/187** (2013.01)

Cited by

EP4176024A4; WO2022010822A1

Designated contracting state (EPC)

BE DE FR GB IT NL

DOCDB simple family (publication)

EP 0465157 A1 19920108; **EP 0465157 B1 19950719**; CA 2043454 A1 19920104; DE 69111318 D1 19950824; DE 69111318 T2 19960208; JP H04226591 A 19920817

DOCDB simple family (application)

EP 91305878 A 19910628; CA 2043454 A 19910529; DE 69111318 T 19910628; JP 16314491 A 19910703